

Water-Data Report 2008

## **08317400 RIO GRANDE BELOW COCHITI DAM, NM**

Rio Grande-Elephant Butte Basin  
Rio Grande-Santa Fe Subbasin

LOCATION.--Lat 35°37'04.8", long 106°19'26.2" referenced to North American Datum of 1983, Sandoval County, NM, Hydrologic Unit 13020201, in Pueblo de Cochiti Grant, on right bank 320 ft upstream from bridge on State Highway 22, 700 ft downstream from Cochiti Dam, 1.4 mi northeast of Cochiti Pueblo, and at mile 1,587.6.

DRAINAGE AREA.--14,900 mi<sup>2</sup>, approximately, including 2,940 mi<sup>2</sup> in closed basin in San Luis Valley, Colorado.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1970 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 5,226.08 ft above NGVD of 1929 (U.S. Army Corps of Engineers benchmark). Prior to Nov. 14, 1973, at site 2.4 mi downstream at elevation 5,210 ft, from topographic map. Nov. 14, 1973, to Jan. 8, 1976, at site 320 ft downstream at datum 1.79 ft lower.

REMARKS.--Records good except estimated daily discharge, which are fair. Discharges include flow of Santa Fe River, which is intercepted by Cochiti Dam and released through the combined outlet works. Flow regulated by Cochiti Dam since Nov. 12, 1973. Diversions upstream from station for irrigation of about 620,000 acres in Colorado and about 81,000 acres in New Mexico. Cochiti Eastside Main canal, on left bank, and Sili Main canal, on right bank, head at Cochiti Dam and bypass gage for irrigation of about 6,000 acres downstream from station; see tabulation below for monthly diversions.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of May 15, 1941, reached a discharge of 23,400 ft<sup>3</sup>/s at a nearby site upstream from mouth of Santa Fe River. The flood of May 23, 1920, probably exceeded 23,400 ft<sup>3</sup>/s and is likely the highest since 1905.

EXTREMES FOR CURRENT YEAR.--EXTREMES FOR CURRENT YEAR.--Maximum instantaneous discharge 6450 cfs, May 24, gage height 5.55 ft; minimum instantaneous discharge 94 cfs, Nov. 8, gage height 1.52 ft.

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	680	349	734	754	645	1,990	3,840	3,880	5,340	2,920	943	987
2	533	280	813	753	e651	2,070	3,620	3,880	5,350	2,730	943	895
3	455	221	760	626	e687	e1,990	3,410	4,000	5,380	2,250	944	797
4	477	220	849	568	e723	e2,280	3,610	4,170	5,410	1,800	950	776
5	516	219	962	572	717	2,290	3,530	4,200	5,440	1,430	928	775
6	513	456	968	708	719	1,880	3,390	4,040	5,320	1,520	768	775
7	503	565	973	931	720	1,510	3,420	4,210	5,230	1,440	712	775
8	502	585	968	902	727	1,020	3,640	4,470	5,780	e1,370	801	776
9	507	637	965	807	e723	957	3,750	4,560	5,960	e1,280	853	773
10	516	639	1,140	727	e732	1,240	3,760	4,540	5,280	1,280	855	737
11	518	640	1,490	784	e730	1,650	3,550	4,550	4,330	1,220	856	718
12	514	638	1,420	820	746	1,750	3,450	4,440	4,210	1,170	830	720
13	511	621	1,240	816	747	1,900	3,450	4,110	3,970	1,170	778	719
14	506	610	1,160	815	849	2,090	3,180	3,900	3,840	1,110	776	718
15	506	641	1,120	812	998	2,200	3,070	3,820	3,850	995	812	717
16	462	682	1,110	733	1,080	2,210	2,890	4,050	3,850	971	826	717
17	439	681	776	691	1,080	2,440	3,090	3,960	3,460	1,060	829	759
18	434	682	696	636	1,080	2,450	3,400	3,620	3,170	1,020	834	783
19	415	674	793	540	1,070	2,180	3,480	3,510	3,170	917	836	824
20	410	696	942	560	1,070	2,080	3,360	3,510	3,190	895	830	848
21	405	651	981	597	1,150	2,130	3,260	3,900	3,340	894	827	803
22	401	584	885	699	1,190	1,630	3,330	4,620	3,370	892	e825	775
23	404	650	814	753	820	2,190	3,570	5,490	3,270	774	e821	776
24	376	701	815	867	839	2,610	3,980	6,210	3,030	692	e817	775
25	349	705	820	774	1,350	2,550	4,480	6,170	2,710	692	e820	775
26	396	706	783	716	e1,610	2,800	4,640	5,740	2,620	693	828	775
27	417	621	721	749	e1,820	2,920	4,630	5,240	2,610	695	871	744
28	418	533	580	764	1,870	3,120	4,450	4,780	2,500	759	942	722
29	419	498	542	851	1,630	3,210	4,190	4,580	2,440	819	940	720
30	376	555	703	837	---	3,210	3,970	4,860	2,650	902	941	719
31	351	---	758	680	---	3,650	---	5,180	---	944	950	---
<b>Total</b>	14,229	16,940	28,281	22,842	28,773	68,197	109,390	138,190	120,070	37,304	26,486	23,173
<b>Mean</b>	459	565	912	737	992	2,200	3,646	4,458	4,002	1,203	854	772
<b>Max</b>	680	706	1,490	931	1,870	3,650	4,640	6,210	5,960	2,920	950	987
<b>Min</b>	349	219	542	540	645	957	2,890	3,510	2,440	692	712	717
<b>Ac-ft</b>	28,220	33,600	56,100	45,310	57,070	135,300	217,000	274,100	238,200	73,990	52,530	45,960

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	579	834	864	795	923	1,187	1,908	3,058	2,818	1,515	883	705
<b>Max</b>	2,045	1,878	1,787	2,245	3,639	2,868	6,320	6,101	6,205	5,643	3,683	1,635
<b>(WY)</b>	(1998)	(1987)	(1987)	(1986)	(1986)	(1986)	(1985)	(1984)	(1983)	(1979)	(1986)	(1986)
<b>Min</b>	214	331	419	428	444	438	281	353	392	293	254	121
<b>(WY)</b>	(1975)	(1990)	(2003)	(1977)	(2003)	(1977)	(1977)	(1972)	(1972)	(1972)	(1972)	(1974)

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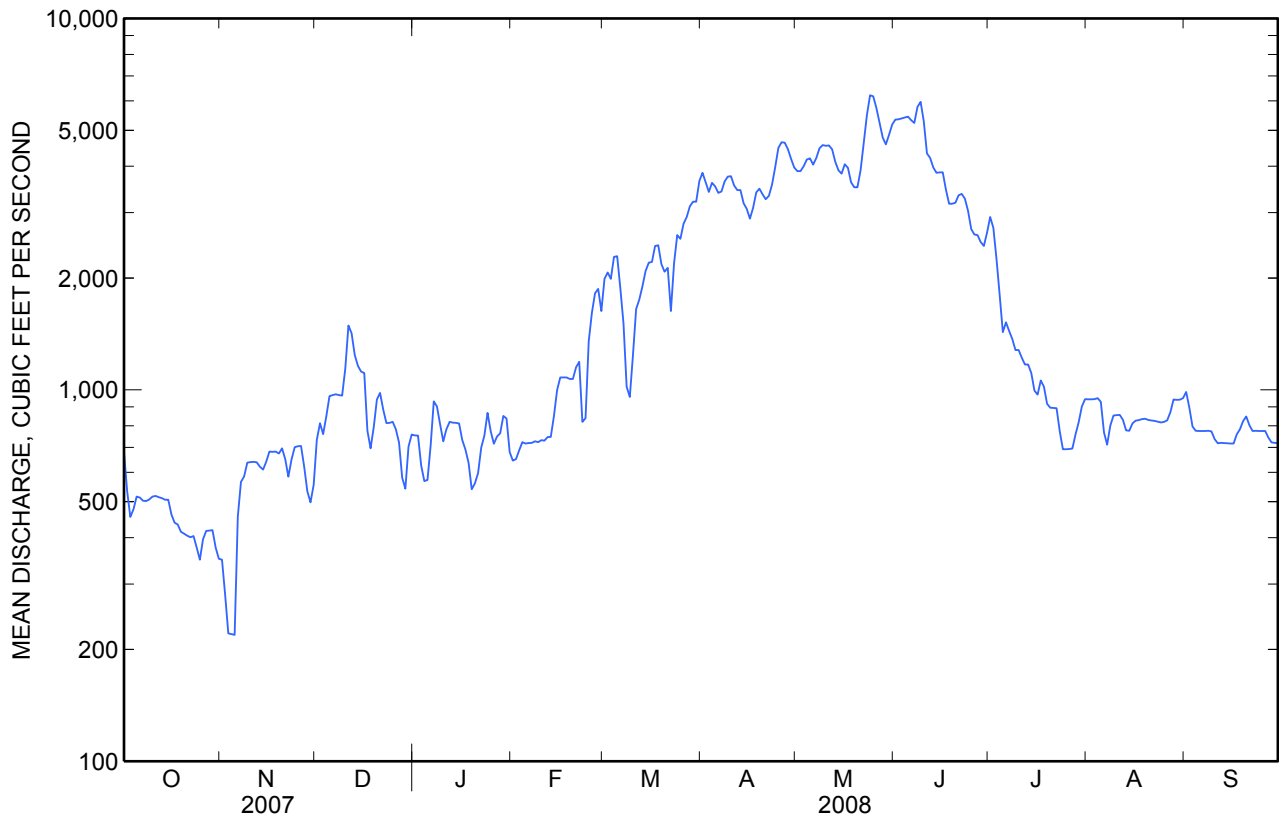
SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1971 - 2008	
<b>Annual total</b>	369,598		633,875			
<b>Annual mean</b>	1,013		1,732		1,340	
<b>Highest annual mean</b>					2,355	
<b>Lowest annual mean</b>					452	
<b>Highest daily mean</b>	3,660	May 20	6,210	May 24	8,290	May 7, 1985
<b>Lowest daily mean</b>	219	Nov 5	219	Nov 5	0.51	Aug 4, 1977
<b>Annual seven-day minimum</b>	288	Oct 30	288	Oct 30	39	Sep 16, 1977
<b>Maximum peak flow</b>			6,450	May 24	<sup>a</sup> 10,300	Jul 26, 1971
<b>Maximum peak stage</b>			5.55	May 24	<sup>b</sup> 7.90	Jul 26, 1971
<b>Instantaneous low flow</b>			94	Nov 8	<sup>c</sup> 0.51	Aug 4, 1977
<b>Annual runoff (ac-ft)</b>	733,100		1,257,000		970,600	
<b>10 percent exceeds</b>	2,070		4,070		3,390	
<b>50 percent exceeds</b>	779		895		842	
<b>90 percent exceeds</b>	507		528		392	

<sup>a</sup>From Rating curve extended above 2,600 ft<sup>3</sup>/s.

<sup>b</sup>Site and datum then in use.

<sup>c</sup>Aug. 3-5, Aug. 27 and 28, 1978, result of regulation.



**08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1974-84, 1985-88, 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1974 to September 1984, October 1986 to August 1987, September 2000 to July 2001, November 2002 to current year.

WATER TEMPERATURE: July 1971 to September 1982, September 2000 to July 2001, November 2002 to current year.

PH: September 2000 to July 2001, November 2002 to current year.

TURBIDITY: September 2000 to July 2001, November 2002 to current year. DO: September 2000 to July 2001, November 2002 to current year.

INSTRUMENTATION.--Water-quality monitor Sept. 2000 to July 2001 with hourly data logged. Electronic data logger with 15-minute recording interval communicates with a YSI 6600 EDS multiparameter probe, Nov. 2002 to current year. Turbidity reported as NTU prior to water year 2005. NTU and FNU values are equivalent below 300.

REMARKS.--Water temperature records rated excellent except days of missing data which are poor. Specific-conductance records rated good except days of missing data which are poor. PH records rated good except for days of missing data which are poor. DO records rated fair except days of missing data which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 698 microsiemens, July 19, 1978; minimum daily, 130 microsiemens, July 30, 1978.

WATER TEMPERATURE: Maximum daily, 35.5°, August 4, 1977; minimum daily, freezing point many days during winter months.

PH: Maximum daily, 8.6, Mar. 20, 26, 27 2006; minimum daily, 7.7 several days July and Aug. 2005, Nov. and Dec. 2006, Oct., Dec, Jan, Feb. 2008.

TURBIDITY: Maximum instantaneous, 230 FNU, Aug. 18, 2008; minimum instantaneous, 0.0 FNU, many days.

DISSOLVED OXYGEN: Maximum instantaneous, 15.3 mg/L Dec. 28, 2002, Dec. 3, 2006; minimum instantaneous, 7.3 mg/L Aug. 15, 2003, Oct. 1, 2, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum instantaneous, 312 microsiemens/cm<sup>2</sup>, Jan. 29; minimum instantaneous, 192 microsiemens/cm<sup>2</sup>, June 7, 9, 10.

WATER TEMPERATURE: Maximum instantaneous, 23.4°, Aug. 6, 8, 9; minimum instantaneous, 1.8°, Jan. 9.

PH: Maximum instantaneous, 8.4 standard units, many days October, December, January, and February; minimum instantaneous, 7.7 standard units, many days April, May, June and July.

TURBIDITY: Maximum instantaneous, 230 FNU, Aug. 18; minimum instantaneous, 6.7 FNU, June 23 (extremes may have occurred during missing data).

DO: Maximum instantaneous, 14.6 mg/L Jan. 2, 8, 14; minimum instantaneous 8.5 mg/L Sept. 26 (extremes may have occurred during missing data).

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	19.2	18.7	19.0	13.4	12.9	13.2	7.3	6.3	6.7	2.6	2.1	2.4
2	18.8	18.1	18.6	13.4	12.8	13.0	7.4	6.9	7.2	2.3	1.9	2.1
3	18.6	18.0	18.3	13.3	12.6	12.9	7.2	6.9	7.0	2.6	2.1	2.3
4	18.6	18.0	18.3	13.1	12.4	12.7	7.0	6.8	6.9	2.7	2.2	2.5
5	18.6	17.9	18.3	12.9	12.2	12.5	6.9	6.8	6.8	2.6	2.3	2.5
6	18.6	17.9	18.3	12.6	12.1	12.3	7.0	6.6	6.8	2.8	2.4	2.7
7	18.4	18.0	18.2	12.4	12.0	12.2	6.7	6.2	6.5	2.8	2.5	2.6
8	18.2	17.6	17.9	12.3	11.8	12.0	6.8	6.2	6.6	2.8	2.1	2.4
9	17.9	17.2	17.6	12.1	11.6	11.8	7.0	6.5	6.8	2.3	1.8	2.0
10	17.5	16.9	17.2	11.9	11.4	11.7	7.0	6.7	6.8	2.3	2.1	2.2
11	17.4	16.9	17.1	11.8	11.2	11.5	6.7	6.4	6.5	2.4	2.1	2.2
12	17.5	16.8	17.1	11.7	11.1	11.4	6.5	6.3	6.4	2.2	2.1	2.2
13	17.3	16.7	17.0	11.6	11.1	11.4	6.4	6.1	6.3	2.3	2.2	2.2
14	17.2	16.7	17.0	11.5	10.9	11.2	6.1	5.7	6.0	2.2	1.9	2.0
15	17.0	16.6	16.8	11.3	11.0	11.1	5.8	5.4	5.6	2.3	2.1	2.2
16	16.8	16.3	16.5	11.1	10.7	10.9	5.6	5.2	5.4	2.3	2.0	2.2
17	16.6	16.1	16.3	10.9	10.5	10.7	5.3	5.1	5.2	2.4	2.0	2.2
18	16.3	15.8	16.1	10.7	10.3	10.5	5.2	4.9	5.1	2.4	2.1	2.2
19	15.9	15.3	15.6	10.5	10.1	10.3	5.0	4.4	4.7	2.5	2.2	2.3
20	15.5	14.9	15.2	10.4	9.8	10.2	4.7	4.4	4.6	2.5	2.2	2.3
21	15.2	14.8	15.0	10.1	9.5	9.8	4.4	4.1	4.3	2.5	2.2	2.3
22	15.0	14.3	14.7	9.9	9.3	9.7	4.2	4.0	4.1	2.5	2.2	2.3
23	14.3	13.7	14.1	9.4	9.2	9.3	4.0	3.8	3.9	2.6	2.2	2.3
24	14.0	13.4	13.7	9.3	8.9	9.1	4.0	3.7	3.9	2.4	2.3	2.3
25	13.8	13.2	13.4	9.0	8.5	8.7	4.2	3.8	4.0	2.6	2.2	2.4
26	13.7	13.1	13.4	8.5	8.1	8.3	3.9	3.6	3.7	2.6	2.4	2.5
27	13.6	13.1	13.3	8.1	7.7	7.8	3.6	3.1	3.4	2.6	2.3	2.4
28	13.7	13.1	13.4	7.7	6.9	7.3	3.5	2.5	3.0	2.7	2.3	2.5
29	13.5	13.1	13.3	7.3	6.9	7.2	2.9	2.4	2.6	2.7	2.3	2.5
30	13.5	13.0	13.2	7.3	6.8	7.1	2.9	2.6	2.7	2.7	2.5	2.6
31	13.5	12.8	13.1	---	---	---	3.4	2.4	3.1	2.9	2.5	2.6
Month	19.2	12.8	16.0	13.4	6.8	10.6	7.4	2.4	5.2	2.9	1.8	2.3

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	2.9	2.6	2.7	7.7	6.5	7.0	9.6	9.1	9.4	12.4	11.7	12.1
2	---	---	---	7.1	6.5	6.8	9.7	9.1	9.5	12.2	11.9	12.0
3	---	---	---	---	---	---	10.1	9.2	9.6	11.9	11.4	11.7
4	---	---	---	---	---	---	9.8	9.4	9.7	12.1	11.5	11.9
5	2.9	2.6	2.7	6.1	5.7	5.8	10.0	9.4	9.7	12.3	11.5	12.0
6	2.9	2.6	2.7	6.0	5.6	5.9	10.1	9.5	9.8	12.8	12.1	12.5
7	3.1	2.7	2.8	6.3	5.7	6.0	10.2	9.6	9.9	13.3	12.6	13.0
8	3.1	2.8	2.9	6.1	5.6	5.9	10.2	9.6	10	13.9	13.1	13.4
9	3.2	2.9	3.0	5.9	5.6	5.7	10.0	9.6	9.8	13.8	13.2	13.5
10	---	---	---	5.9	5.3	5.6	9.9	9.6	9.8	14.1	13.4	13.8
11	---	---	---	6.5	5.8	6.0	9.9	9.4	9.7	14.1	13.5	13.8
12	3.5	3.1	3.3	6.7	6.0	6.3	9.6	9.2	9.4	14.0	13.6	13.8
13	3.6	3.2	3.4	7.1	6.2	6.6	9.4	9.2	9.3	14.2	13.8	14.0
14	3.6	3.3	3.4	7.0	6.6	6.8	9.7	9.2	9.4	14.1	13.8	13.9
15	3.6	3.3	3.4	6.8	6.4	6.6	10.2	9.3	9.8	14.2	13.9	14.0
16	3.7	3.5	3.6	6.8	6.2	6.5	10.5	9.8	10.0	13.9	13.6	13.8
17	3.8	3.4	3.6	6.9	6.6	6.7	10.7	10.0	10.4	14.6	13.7	13.9
18	3.8	3.5	3.7	7.3	6.6	6.9	10.4	10.1	10.3	14.3	13.7	14.0
19	4.2	3.6	3.9	7.2	6.8	7.0	10.5	10.1	10.4	14.5	14.0	14.4
20	4.6	4.1	4.3	7.0	6.8	6.8	10.8	10.2	10.4	15.4	14.4	14.9
21	4.3	4.2	4.3	7.5	6.9	7.1	10.9	10.4	10.8	15.9	14.3	15.2
22	4.4	4.1	4.2	7.7	7.4	7.5	11.2	10.7	10.9	16.3	15.5	16.0
23	4.6	4.1	4.4	7.7	7.2	7.4	11.5	10.7	11.2	16.2	15.3	15.6
24	4.8	4.3	4.6	7.8	7.3	7.5	12.1	11.2	11.7	15.4	14.7	15.0
25	5.2	4.7	5.0	8.6	7.7	8.0	12.1	11.7	11.9	15.2	14.0	14.5
26	---	---	---	8.8	7.9	8.3	12.2	11.7	11.9	14.9	14.0	14.6
27	---	---	---	9.0	8.0	8.5	11.9	11.4	11.7	15.1	14.7	14.9
28	6.6	5.2	5.8	8.7	8.3	8.6	11.9	11.4	11.7	15.4	14.6	15.1
29	7.6	6.5	6.8	9.1	8.6	8.9	12.0	11.5	11.8	16.0	15.2	15.7
30	---	---	---	9.3	8.5	8.9	11.9	11.5	11.8	16.4	15.9	16.2
31	---	---	---	9.8	8.8	9.3	---	---	---	16.7	16.2	16.5
Month	---	---	---	---	---	---	12.2	9.1	10.4	16.7	11.4	14.1

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	16.9	16.2	16.6	19.5	19.1	19.3	23.0	22.5	22.7	21.5	21.2	21.3
2	17.2	16.5	16.8	19.8	19.3	19.5	23.0	22.6	22.8	21.6	21.0	21.3
3	17.2	16.8	17.1	19.9	19.2	19.6	23.3	22.7	23.0	21.3	21.0	21.1
4	16.5	15.7	16.2	19.7	19.1	19.5	23.3	22.8	23.1	21.3	20.8	21.0
5	17.2	16.8	17.0	19.9	19.3	19.6	23.3	22.9	23.1	21.1	20.5	20.8
6	16.8	16.2	16.6	19.8	19.3	19.6	23.4	22.7	23.0	21.1	20.5	20.8
7	16.9	16.0	16.4	20.0	19.4	19.8	23.2	22.7	23.0	21.0	20.4	20.7
8	17.0	16.5	16.7	---	---	---	23.4	22.7	23.1	20.9	20.2	20.5
9	17.1	16.7	16.9	---	---	---	23.4	22.7	23.1	20.6	20.2	20.3
10	17.2	16.5	16.9	20.7	20.0	20.4	23.3	22.6	23.0	20.5	20.0	20.3
11	17.4	16.9	17.2	20.7	20.1	20.5	23.2	22.7	22.9	20.2	19.9	20.1
12	17.3	17.0	17.2	20.7	20.1	20.5	23.3	22.7	23.0	20.1	19.7	19.9
13	17.3	16.8	17.1	20.8	20.4	20.6	23.2	22.7	23.0	20.2	19.5	19.8
14	17.2	16.8	17.1	20.9	20.4	20.7	23.2	22.7	22.9	19.9	19.3	19.6
15	17.8	16.8	17.2	21.1	20.6	20.8	23.0	22.6	22.8	19.7	19.2	19.4
16	17.5	17.1	17.4	21.1	20.6	20.9	23.0	22.4	22.7	19.7	19.1	19.4
17	18.0	17.2	17.7	21.3	20.6	21.0	22.6	22.4	22.5	19.7	19.1	19.3
18	18.2	17.7	17.9	21.4	20.9	21.2	22.4	21.6	21.9	19.6	19.1	19.3
19	18.4	18.0	18.2	21.5	21.1	21.2	22.0	21.4	21.7	19.4	19.0	19.2
20	19.7	18.3	18.6	21.6	21.1	21.4	22.0	21.5	21.7	19.3	18.8	19.1
21	19.0	18.4	18.6	21.6	21.2	21.4	21.8	21.3	21.6	---	---	---
22	19.9	18.7	19.0	21.8	21.3	21.6	---	---	---	---	---	---
23	19.8	18.8	19.2	21.8	21.4	21.6	---	---	---	---	---	---
24	19.7	18.8	19.2	22.0	21.2	21.7	---	---	---	---	---	---
25	19.4	18.6	19.0	22.1	21.6	21.8	---	---	---	---	---	---
26	19.3	18.7	19.0	22.2	21.7	21.9	21.8	21.1	21.5	19.3	18.9	19.0
27	19.2	18.8	19.0	22.2	21.8	22.0	21.9	21.3	21.6	19.3	18.7	19.0
28	19.5	18.8	19.2	22.5	21.9	22.2	21.7	21.2	21.4	19.4	18.7	19.0
29	19.4	19.0	19.2	22.8	22.0	22.4	21.7	21.2	21.4	19.2	18.6	18.9
30	19.6	19.0	19.4	22.8	22.3	22.5	21.5	21.1	21.3	19.1	18.6	18.8
31	---	---	---	22.9	22.5	22.7	21.6	21.2	21.3	---	---	---
Month	19.9	15.7	17.8	---	---	---	---	---	---	---	---	---

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	289	285	287	295	287	291	297	291	294	300	293	298
2	286	282	284	297	294	295	295	290	293	303	299	301
3	285	282	284	299	291	295	296	292	294	303	296	302
4	286	282	284	302	295	299	296	292	295	303	299	301
5	286	284	285	306	302	304	296	293	295	305	300	302
6	287	284	286	307	298	301	296	292	295	305	296	301
7	288	283	287	304	300	301	295	289	292	302	298	300
8	288	286	287	310	302	304	292	286	290	306	301	303
9	287	285	287	305	303	304	292	290	290	306	301	305
10	288	286	288	304	300	302	290	284	289	305	302	304
11	288	286	288	301	297	299	290	287	289	306	303	304
12	288	286	287	298	295	297	288	284	286	306	300	304
13	288	286	287	299	297	298	288	285	287	307	301	305
14	287	283	286	299	297	298	287	283	286	306	303	305
15	286	281	283	298	296	297	287	281	284	306	303	305
16	284	280	282	299	297	298	287	281	285	306	302	305
17	285	281	283	299	296	298	286	282	285	307	303	306
18	284	282	283	296	292	295	287	283	286	308	306	306
19	284	279	283	296	294	294	287	283	286	308	301	306
20	284	281	283	298	292	296	288	282	286	308	302	306
21	284	282	283	294	290	292	288	284	287	307	300	305
22	284	282	283	296	292	294	291	287	289	308	304	307
23	284	282	283	297	292	295	291	287	289	309	304	308
24	285	282	284	297	293	295	291	289	290	309	305	308
25	286	281	285	296	292	294	290	286	289	310	307	309
26	287	284	285	294	292	293	294	289	292	310	303	308
27	287	283	285	295	290	293	296	292	294	310	308	309
28	288	285	286	294	290	292	298	293	295	311	308	310
29	288	286	287	295	292	294	301	297	299	312	308	310
30	290	287	288	296	294	295	299	295	298	310	305	308
31	290	287	289	---	---	---	299	295	297	308	306	308
Month	290	279	285	310	287	297	301	281	291	312	293	305



## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	309	305	308	287	283	286	285	272	280	231	227	229
2	309	307	308	287	286	287	279	268	274	231	226	228
3	---	---	---	---	---	---	275	267	271	226	215	221
4	---	---	---	288	286	287	271	266	268	224	217	221
5	307	305	306	287	283	285	269	263	265	222	216	218
6	306	303	304	286	282	284	269	263	266	218	214	216
7	305	301	304	286	284	286	266	261	263	216	213	215
8	304	301	303	286	285	286	264	258	261	214	212	213
9	302	295	299	287	284	286	260	256	258	213	207	212
10	---	---	---	288	286	287	259	256	258	210	208	209
11	301	297	300	287	284	286	260	255	258	208	204	207
12	301	298	300	286	283	286	258	254	257	204	199	203
13	302	294	300	288	282	287	257	255	256	204	201	202
14	302	298	300	287	287	287	258	256	256	201	197	199
15	302	297	299	288	287	287	259	256	257	201	199	200
16	299	296	297	289	287	288	261	257	259	201	197	199
17	298	294	296	289	287	288	261	254	258	201	198	200
18	296	293	295	289	288	289	259	256	257	202	199	200
19	296	287	292	289	289	289	261	258	260	203	201	202
20	292	288	290	290	288	289	261	256	259	204	201	203
21	296	288	292	290	289	289	259	256	259	205	201	203
22	294	289	292	293	287	291	259	256	258	205	203	204
23	295	289	292	293	289	291	258	256	256	205	198	201
24	295	280	287	292	289	292	256	252	254	201	199	200
25	290	280	284	291	290	291	254	249	251	201	197	199
26	---	---	---	291	288	290	252	245	248	200	197	199
27	286	282	285	291	287	290	247	229	237	201	199	200
28	286	283	286	291	285	290	239	230	235	205	199	202
29	289	285	286	289	286	288	236	230	233	206	201	203
30	---	---	---	289	285	288	231	225	228	207	205	206
31	---	---	---	285	279	282	---	---	---	211	207	209
Month	---	---	---	---	---	---	285	225	257	231	197	207

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	211	209	210	229	217	221	267	262	266	281	269	276
2	211	208	210	229	222	224	270	264	267	281	275	279
3	208	205	207	228	223	225	269	263	268	279	277	278
4	210	126	190	235	224	229	268	263	266	282	278	280
5	203	200	201	235	229	232	270	263	266	285	276	282
6	200	193	197	234	230	232	268	261	266	287	279	283
7	198	192	196	236	230	233	267	262	265	286	279	284
8	197	193	195	237	235	236	269	261	265	287	280	284
9	196	192	194	243	235	239	269	263	267	286	283	284
10	197	192	194	244	240	243	269	266	267	286	283	285
11	198	194	197	244	242	243	269	267	267	286	283	285
12	204	198	201	245	239	243	269	266	268	285	277	284
13	207	203	205	249	242	246	269	267	268	285	277	283
14	208	206	207	247	245	246	270	263	268	285	278	283
15	211	207	209	249	247	248	272	262	268	285	283	284
16	212	209	211	250	248	249	272	264	269	285	283	284
17	214	212	213	253	249	251	270	266	268	285	283	284
18	214	212	213	256	250	254	267	264	265	286	283	285
19	215	212	214	256	253	254	267	261	264	287	284	286
20	216	214	215	255	252	253	271	263	266	287	285	286
21	216	215	215	256	254	255	271	265	269	287	253	283
22	216	214	216	259	256	257	278	272	275	---	---	---
23	216	215	216	262	253	259	---	---	---	---	---	---
24	215	212	214	263	255	260	---	---	---	---	---	---
25	215	213	214	262	258	261	---	---	---	---	---	---
26	215	214	215	264	258	261	274	268	271	283	281	282
27	217	214	215	266	260	264	273	266	270	282	281	281
28	218	214	217	267	264	266	275	271	273	283	280	281
29	222	214	218	266	261	264	278	270	275	282	281	282
30	221	216	219	266	265	266	282	274	279	282	242	279
31	---	---	---	266	264	265	282	265	277	---	---	---
Month	222	126	208	267	217	248	---	---	---	---	---	---

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	8.2	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.3	8.3
2	8.3	8.1	8.2	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
3	8.3	8.0	8.2	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
4	8.1	8.0	8.1	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
5	8.1	8.0	8.1	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
6	8.2	8.0	8.1	---	---	---	8.3	8.2	8.2	8.3	8.2	8.2
7	8.2	8.1	8.1	---	---	---	8.3	8.2	8.2	8.3	8.2	8.2
8	8.2	8.1	8.2	---	---	---	8.3	8.2	8.2	8.3	8.2	8.2
9	8.2	8.1	8.1	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
10	8.2	8.1	8.1	---	---	---	8.3	8.3	8.3	8.3	8.2	8.2
11	8.2	8.0	8.1	---	---	---	8.3	8.2	8.2	8.3	8.2	8.2
12	8.2	8.0	8.1	---	---	---	8.3	8.2	8.2	8.3	8.2	8.2
13	8.2	8.1	8.1	---	---	---	8.4	8.2	8.3	8.3	8.2	8.2
14	8.3	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.3	8.3	8.2	8.2
15	8.2	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
16	8.3	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
17	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.4	8.2	8.2
18	8.4	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
19	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.4	8.2	8.2
20	8.3	8.2	8.3	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
21	8.4	8.2	8.3	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
22	8.4	8.2	8.3	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
23	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
24	8.3	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
25	8.3	8.0	8.2	8.3	8.2	8.2	8.3	8.2	8.2	8.3	8.2	8.2
26	8.3	8.0	8.2	8.3	8.2	8.2	8.4	8.2	8.2	8.3	8.2	8.2
27	8.2	8.1	8.2	8.3	8.2	8.2	8.4	8.2	8.3	8.3	8.2	8.2
28	8.3	8.1	8.2	8.3	8.2	8.2	8.4	8.2	8.3	8.3	8.2	8.2
29	8.3	8.1	8.2	8.3	8.2	8.2	8.4	8.2	8.3	8.3	8.1	8.2
30	8.3	8.1	8.2	8.3	8.2	8.2	8.3	8.2	8.3	8.3	8.2	8.2
31	8.3	8.1	8.2	---	---	---	8.3	8.2	8.3	8.3	8.2	8.2
Max	8.4	8.2	8.3	---	---	---	8.4	8.3	8.3	8.4	8.3	8.3
Min	8.1	8.0	8.1	---	---	---	8.3	8.2	8.2	8.3	8.1	8.2

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	8.3	8.2	8.2	---	---	---	8.0	7.8	7.9	7.9	7.7	7.8
2	8.3	8.2	8.3	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8
3	---	---	---	---	---	---	8.0	7.8	7.9	7.8	7.7	7.8
4	8.3	8.2	8.2	---	---	---	8.0	7.8	7.9	7.9	7.7	7.8
5	8.3	8.2	8.2	---	---	---	8.0	7.8	7.9	7.8	7.7	7.8
6	8.3	8.2	8.2	---	---	---	8.0	7.8	7.9	7.9	7.7	7.8
7	8.3	8.2	8.2	---	---	---	8.0	7.9	7.9	7.9	7.7	7.8
8	8.3	8.2	8.2	---	---	---	8.0	7.9	7.9	7.9	7.7	7.8
9	8.4	8.2	8.2	---	---	---	8.0	7.8	7.9	7.8	7.7	7.8
10	8.4	8.3	8.3	---	---	---	8.0	7.8	7.9	7.8	7.7	7.8
11	8.3	8.2	8.3	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8
12	8.4	8.2	8.2	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8
13	8.4	8.2	8.2	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8
14	8.3	8.2	8.2	---	---	---	8.0	7.9	8.0	7.8	7.7	7.8
15	8.3	8.2	8.2	---	---	---	8.1	7.9	8.0	7.9	7.7	7.8
16	8.3	8.2	8.2	---	---	---	8.0	7.9	8.0	7.8	7.7	7.8
17	8.3	8.2	8.3	---	---	---	8.1	7.7	7.9	7.9	7.7	7.8
18	8.3	8.2	8.2	---	---	---	7.9	7.7	7.8	7.8	7.7	7.8
19	8.3	8.2	8.2	---	---	---	7.9	7.7	7.8	7.8	7.7	7.8
20	8.3	8.2	8.2	---	---	---	7.9	7.7	7.8	7.8	7.7	7.8
21	8.3	8.2	8.2	---	---	---	7.9	7.7	7.9	7.8	7.7	7.8
22	8.3	8.2	8.2	---	---	---	8.0	7.7	7.8	7.9	7.7	7.8
23	8.3	8.2	8.2	---	---	---	7.9	7.8	7.8	7.9	7.7	7.8
24	8.3	8.2	8.2	8.0	7.9	8.0	7.9	7.8	7.9	7.8	7.7	7.8
25	8.3	8.2	8.2	8.1	7.9	8.0	7.9	7.8	7.8	7.9	7.7	7.8
26	8.2	8.2	8.2	8.0	7.9	8.0	7.9	7.8	7.8	7.9	7.7	7.8
27	---	---	---	8.0	7.9	8.0	7.8	7.7	7.8	7.9	7.7	7.8
28	---	---	---	8.0	7.9	7.9	7.9	7.7	7.8	7.9	7.7	7.8
29	---	---	---	8.0	7.9	7.9	7.9	7.7	7.8	7.8	7.7	7.8
30	---	---	---	8.0	7.9	7.9	7.8	7.7	7.8	7.8	7.8	7.8
31	---	---	---	8.0	7.9	7.9	---	---	---	7.9	7.8	7.8
Max	---	---	---	---	---	---	8.1	7.9	8.0	7.9	7.8	7.8
Min	---	---	---	---	---	---	7.8	7.7	7.8	7.8	7.7	7.8

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	7.8	7.7	7.8	7.9	7.7	7.8	---	---	---	---	---	---
2	7.9	7.7	7.8	8.0	7.8	7.8	---	---	---	---	---	---
3	7.8	7.8	7.8	8.0	7.8	7.8	---	---	---	---	---	---
4	7.8	7.7	7.8	7.9	7.7	7.8	---	---	---	---	---	---
5	7.8	7.8	7.8	7.9	7.8	7.8	---	---	---	---	---	---
6	7.8	7.7	7.8	7.9	7.8	7.8	---	---	---	---	---	---
7	7.8	7.7	7.8	8.0	7.8	7.8	---	---	---	---	---	---
8	7.8	7.7	7.8	8.0	7.9	8.0	---	---	---	8.1	7.9	8.0
9	7.8	7.7	7.8	8.0	7.9	8.0	---	---	---	8.1	7.9	8.0
10	7.8	7.7	7.8	8.1	7.9	8.0	---	---	---	8.1	7.9	8.0
11	7.8	7.7	7.8	8.1	7.9	8.0	---	---	---	8.1	7.9	8.0
12	7.8	7.7	7.8	8.0	7.9	8.0	---	---	---	8.1	8.0	8.0
13	7.8	7.7	7.8	8.1	8.0	8.0	---	---	---	8.1	8.0	8.0
14	7.8	7.7	7.8	8.1	8.0	8.0	---	---	---	8.1	8.0	8.0
15	7.9	7.7	7.8	8.1	8.0	8.0	---	---	---	8.2	8.0	8.1
16	7.8	7.8	7.8	8.1	8.0	8.0	---	---	---	8.2	8.0	8.1
17	7.9	7.7	7.8	8.1	8.0	8.0	---	---	---	8.2	8.0	8.1
18	7.9	7.8	7.8	8.1	8.0	8.0	---	---	---	8.2	8.0	8.0
19	7.8	7.8	7.8	8.1	8.0	8.0	---	---	---	8.1	8.0	8.0
20	7.9	7.8	7.8	8.1	8.0	8.0	---	---	---	8.1	8.0	8.1
21	7.8	7.8	7.8	8.0	8.0	8.0	---	---	---	8.2	8.0	8.0
22	8.0	7.8	7.8	8.1	7.9	8.0	---	---	---	8.0	7.8	7.9
23	7.9	7.8	7.8	8.0	8.0	8.0	---	---	---	---	---	---
24	7.9	7.8	7.8	8.0	7.9	8.0	---	---	---	---	---	---
25	7.8	7.8	7.8	8.0	7.9	8.0	---	---	---	---	---	---
26	7.9	7.8	7.8	8.0	8.0	8.0	---	---	---	8.2	8.0	8.1
27	7.9	7.8	7.8	8.0	7.9	8.0	---	---	---	8.2	8.0	8.1
28	7.9	7.7	7.8	8.0	7.9	8.0	---	---	---	8.3	8.0	8.2
29	7.9	7.8	7.8	8.1	8.0	8.0	---	---	---	8.2	8.0	8.1
30	7.9	7.7	7.9	8.3	8.0	8.1	---	---	---	8.3	8.0	8.1
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
Min	7.8	7.7	7.8	---	---	---	---	---	---	---	---	---

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	10.0	9.7	9.8	e10.9	e9.7	e10.2	12.6	11.6	12.2	14.5	13.9	14.1
2	9.9	9.1	9.5	11.1	10.1	10.6	12.8	12.1	12.4	14.6	14.0	14.3
3	9.7	9.0	9.3	11.0	10.0	10.4	12.7	12.3	12.4	14.1	13.5	13.8
4	9.6	9.0	9.3	10.9	9.8	10.2	12.8	12.2	12.5	14.0	13.3	13.6
5	9.8	9.3	9.5	10.8	9.8	10.1	12.7	12.3	12.4	13.9	13.1	13.5
6	9.9	9.2	9.5	11.2	9.9	10.7	12.7	12.3	12.4	13.7	13.1	13.4
7	10.0	9.3	9.5	11.3	10.9	11.1	12.7	12.3	12.5	13.8	13.3	13.6
8	10.1	9.4	9.7	11.4	10.8	11.1	12.7	12.1	12.4	14.6	13.6	14.0
9	10.2	9.5	9.8	11.3	10.9	11.1	12.8	12.3	12.5	14.4	13.9	14.1
10	10.2	9.6	9.8	11.2	10.8	11.0	12.6	12.3	12.5	14.5	13.8	14.1
11	10.3	9.6	9.8	11.2	10.8	10.9	12.7	12.3	12.6	14.3	13.7	13.9
12	10.3	9.6	9.8	11.2	10.8	10.9	12.9	12.3	12.7	14.5	13.8	14.1
13	10.3	9.5	9.8	---	e10.4	---	12.9	12.5	12.7	14.4	13.8	14.0
14	10.3	9.6	9.8	11.1	10.4	10.7	12.9	12.4	12.7	14.6	13.9	14.2
15	10.2	9.6	9.8	11.4	10.6	11.0	13.3	12.6	12.9	14.5	13.6	14.0
16	10.1	9.2	9.6	11.3	10.8	11.0	13.3	12.9	13.0	14.4	13.7	13.9
17	10.1	9.3	9.5	11.5	10.7	11.1	13.1	12.5	12.9	14.4	13.7	13.9
18	10.3	9.3	9.7	11.6	10.9	11.2	13.5	12.6	13.0	14.2	13.6	13.9
19	10.3	9.5	9.7	11.6	11.0	11.2	13.6	12.8	13.1	14.2	13.1	13.6
20	10.2	9.4	9.7	11.6	11.0	11.3	13.4	12.8	13.1	14.2	13.1	13.5
21	10.3	9.4	9.7	11.8	11.0	11.3	13.3	12.7	13.1	14.1	13.5	13.7
22	10.6	9.6	10	11.6	10.8	11.2	13.7	12.9	13.3	14.3	13.4	13.8
23	10.6	9.9	10.2	11.6	10.9	11.3	13.8	13.3	13.5	14.3	13.7	13.9
24	10.7	9.7	10.1	12.0	11.4	11.6	13.9	13.2	13.5	14.2	13.7	13.9
25	10.5	9.7	9.9	12.2	11.4	11.8	13.5	13.0	13.2	14.4	13.7	14.0
26	10.6	9.7	10.1	12.4	11.7	12.0	13.8	13.1	13.4	14.4	13.7	14.0
27	10.7	9.9	10.2	12.2	11.6	11.9	13.7	13.1	13.4	14.3	13.5	13.9
28	10.7	10.0	10.2	12.0	11.5	11.8	14.2	12.9	13.3	14.2	13.2	13.7
29	10.7	10.0	10.2	12.0	11.5	11.7	13.7	12.8	13.4	14.3	13.2	13.7
30	10.5	9.6	10.0	12.2	11.5	11.8	14.2	13.4	13.7	13.9	13.4	13.6
31	10.5	9.6	9.9	---	---	---	13.9	13.3	13.7	14.2	13.5	13.7
Month	10.7	9.0	9.8	---	9.7	---	14.2	11.6	12.9	14.6	13.1	13.9

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	14.2	13.3	13.6	13.3	12.6	12.6	11.8	11.5	11.6	---	---	---
2	e14.0	---	---	12.7	12.5	12.6	11.6	11.4	11.5	---	---	---
3	---	---	---	e13.7	e12.2	e12.4	11.6	11.3	11.4	---	---	---
4	---	---	---	12.5	12.2	12.4	11.6	11.4	11.5	---	---	---
5	14.0	13.2	13.6	12.5	12.2	12.4	11.5	11.3	11.4	---	---	---
6	14.1	13.4	13.7	12.6	12.3	12.4	11.5	11.3	11.4	---	---	---
7	14.1	13.2	13.6	12.6	12.2	12.3	11.5	11.3	11.4	---	---	---
8	14.0	13.2	13.5	12.5	12.1	12.2	11.5	11.3	11.4	---	---	---
9	e14.1	---	---	12.6	12.2	12.4	11.5	11.3	11.4	---	---	---
10	e14.1	---	---	12.6	12.3	12.5	11.5	11.4	11.5	---	---	---
11	---	---	---	12.6	12.3	12.4	11.7	11.5	11.6	---	---	---
12	14.0	13.1	13.5	12.5	12.2	12.3	11.8	11.6	11.7	---	---	---
13	13.8	12.9	13.3	12.5	12.1	12.2	11.9	11.6	11.7	---	---	---
14	13.5	12.9	13.1	12.3	12.0	12.2	11.7	11.4	11.6	---	---	---
15	13.6	13.0	13.3	12.3	12.2	12.2	11.6	11.3	11.5	---	---	---
16	13.5	12.8	13.2	12.3	12.1	12.2	11.6	11.2	11.4	---	---	---
17	13.4	12.8	13.2	12.4	12.2	12.3	---	---	---	---	---	---
18	13.5	13.0	13.2	12.4	12.1	12.2	---	---	---	---	---	---
19	13.4	12.8	13.0	12.4	12.1	12.2	---	---	---	---	---	---
20	13.1	12.4	12.8	12.4	12.1	12.2	---	---	---	---	---	---
21	13.0	12.4	12.8	12.4	12.1	12.2	---	---	---	---	---	---
22	13.1	12.5	12.9	12.3	11.9	12.1	---	---	---	---	---	---
23	13.0	12.4	12.7	12.4	12.0	12.2	---	---	---	---	---	---
24	12.9	12.4	12.5	12.3	12.0	12.1	---	---	---	---	---	---
25	12.6	12.3	12.5	12.2	11.8	12.0	---	---	---	---	---	---
26	---	---	---	12.0	11.7	11.9	---	---	---	---	---	---
27	---	---	---	12.0	11.6	11.8	---	---	---	---	---	---
28	---	---	---	11.9	11.6	11.8	---	---	---	---	---	---
29	---	---	---	11.8	11.6	11.7	---	---	---	---	---	---
30	---	---	---	11.7	11.5	11.6	---	---	---	---	---	---
31	---	---	---	11.8	11.5	11.6	---	---	---	---	---	---
Month	---	---	---	13.7	11.5	12.2	---	---	---	---	---	---

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	9.3	8.7	9.0
28	---	---	---	---	---	---	---	---	---	9.5	8.8	9.1
29	---	---	---	---	---	---	---	---	---	9.6	9.0	9.2
30	---	---	---	---	---	---	---	---	---	9.7	9.1	9.3
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---



## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	33	24	28	---	---	---	---	---	---	---	---	---
2	37	27	33	---	---	---	---	---	---	---	---	---
3	36	29	32	---	---	---	---	---	---	---	---	---
4	36	25	30	---	---	---	---	---	---	---	---	---
5	31	22	26	---	---	---	---	---	---	---	---	---
6	32	18	22	---	---	---	---	---	---	---	---	---
7	24	15	18	---	---	---	---	---	---	---	---	---
8	26	16	19	---	---	---	---	---	---	---	---	---
9	30	20	24	---	---	---	---	---	---	---	---	---
10	30	23	26	---	---	---	---	---	---	---	---	---
11	25	20	23	---	---	---	---	---	---	---	---	---
12	23	16	19	---	---	---	---	---	---	---	---	---
13	23	14	17	---	---	---	---	---	---	---	---	---
14	19	13	15	---	---	---	---	---	---	---	---	---
15	18	14	16	---	---	---	---	---	---	---	---	---
16	20	13	16	---	---	---	---	---	---	---	---	---
17	18	9.7	14	---	---	---	---	---	---	---	---	---
18	18	11	14	---	---	---	---	---	---	---	---	---
19	18	14	16	---	---	---	---	---	---	---	---	---
20	21	15	17	---	---	---	---	---	---	---	---	---
21	20	8.7	13	---	---	---	---	---	---	---	---	---
22	18	8.7	13	---	---	---	---	---	---	---	---	---
23	18	14	16	---	---	---	---	---	---	---	---	---
24	18	14	15	---	---	---	---	---	---	---	---	---
25	20	14	15	---	---	---	---	---	---	---	---	---
26	16	13	14	---	---	---	---	---	---	---	---	---
27	15	13	14	---	---	---	---	---	---	---	---	---
28	14	11	12	---	---	---	---	---	---	---	---	---
29	15	11	13	---	---	---	---	---	---	---	---	---
30	16	9.9	13	---	---	---	---	---	---	---	---	---
31	18	8.8	12	---	---	---	---	---	---	---	---	---
Month	37	8.7	19	---	---	---	---	---	---	---	---	---

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	37	18	24	34	26	29
2	---	---	---	---	---	---	36	24	28	36	26	32
3	---	---	---	---	---	---	30	23	26	38	30	34
4	---	---	---	---	---	---	29	25	26	34	27	31
5	---	---	---	---	---	---	35	23	27	35	26	30
6	---	---	---	---	---	---	27	20	24	33	27	30
7	---	---	---	---	---	---	28	18	24	33	27	30
8	---	---	---	---	---	---	26	20	22	33	27	29
9	---	---	---	---	---	---	27	22	24	44	26	31
10	---	---	---	---	---	---	28	19	23	37	28	32
11	---	---	---	---	---	---	30	19	24	37	30	32
12	---	---	---	---	---	---	87	21	44	42	31	35
13	---	---	---	---	---	---	23	18	20	36	29	33
14	---	---	---	---	---	---	19	15	18	39	33	36
15	---	---	---	---	---	---	19	14	16	35	27	32
16	---	---	---	---	---	---	22	13	16	43	30	34
17	---	---	---	---	---	---	24	15	18	34	26	31
18	---	---	---	---	---	---	27	17	19	32	27	29
19	---	---	---	---	---	---	27	19	21	33	26	30
20	---	---	---	---	---	---	21	18	19	40	26	30
21	---	---	---	---	---	---	24	17	20	32	24	28
22	---	---	---	---	---	---	24	15	18	32	25	28
23	---	---	---	---	---	---	23	16	19	50	26	39
24	---	---	---	28	12	16	24	15	19	49	34	44
25	---	---	---	14	9.3	11	26	18	22	52	35	43
26	---	---	---	20	13	16	36	21	26	53	36	45
27	---	---	---	20	14	16	44	27	37	48	34	42
28	---	---	---	41	12	26	39	28	34	53	39	43
29	---	---	---	38	28	34	38	28	32	46	31	37
30	---	---	---	36	24	31	37	30	33	39	31	35
31	---	---	---	38	18	27	---	---	---	40	30	33
Month	---	---	---	---	---	---	87	13	24	53	24	34

## 08317400 RIO GRANDE BELOW COCHITI DAM, NM—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	37	31	33	78	12	29	34	28	31	43	31	36
2	35	27	30	59	29	36	34	21	28	46	32	37
3	32	24	27	43	30	36	30	21	25	41	28	32
4	29	16	23	83	29	49	26	16	22	40	33	36
5	27	22	24	66	39	53	29	16	24	41	31	35
6	27	21	24	49	30	41	34	26	30	40	29	33
7	27	16	22	50	34	41	35	23	29	38	29	33
8	23	16	19	48	32	42	47	28	31	---	---	---
9	19	14	16	46	34	39	33	26	29	43	30	36
10	20	13	16	41	13	34	30	24	28	41	28	35
11	21	14	17	35	25	30	42	23	29	46	29	36
12	20	14	16	37	27	31	36	24	29	47	40	43
13	26	15	19	29	22	27	41	25	31	52	36	42
14	26	16	20	36	22	25	29	24	26	47	37	40
15	24	15	18	30	21	26	34	22	27	42	30	35
16	19	14	16	32	24	29	33	23	27	45	28	36
17	19	13	15	55	26	32	34	20	26	53	39	45
18	20	12	15	54	40	37	230	29	120	---	---	---
19	17	10	13	42	31	35	91	60	70	---	---	---
20	13	8.8	11	35	28	31	64	42	49	---	---	---
21	13	9.5	11	39	26	32	54	38	43	---	---	---
22	13	7.7	11	40	31	34	57	22	43	---	---	---
23	17	6.7	11	43	28	37	---	---	---	---	---	---
24	16	8.1	13	51	22	38	---	---	---	---	---	---
25	18	9.3	14	44	32	40	---	---	---	---	---	---
26	15	10	13	43	27	36	53	30	37	---	---	---
27	14	9.1	11	52	34	38	44	27	34	---	---	---
28	16	8.4	11	50	37	41	50	29	39	---	---	---
29	16	9.2	12	42	29	33	36	26	31	---	---	---
30	16	10	13	37	31	34	48	25	36	---	---	---
31	---	---	---	36	30	33	42	27	35	---	---	---
Month	37	6.7	17	83	12	35	---	---	---	---	---	---